

Bill no: 1st & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. D

67337

work

From

To

Contractor of nature of Agency

Sri Manjunath. N.C.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of the work:	Providing Rain water harvesting facilities					
		in ward no: 15 ~~Bagalagunte~~ ~~Bagalagunte~~					
		Sub division. ~~T. Dasarahalli~~					
	Estimate cost R.						
	Job code NO:	015-20-000002					
	AS NO:	EE/DD/AS/130/19-20					
	Modified TS NO:	CE/DZ/TS/09/22-23 date 28/04/2022					
	N.O. NO:	EE/DD/NO/408/19-20 . date 27/09/2019					



MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1) Earth work excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed the disposed earth to be levelled after breaking of clods etc complete. BF pre-measurements Recorded in this MB Vide page no: 67398 Qty up to 125.1. i.e. 138.69 m ³ @ Rate A 147.38/m ³ R 20,469.76						
	2) Crushing of stone boulder of 150 mm size in integrated stone crushing unit of 200 Tonnage per hour capacity comprising of primary and secondary crushing units belt conveyor and vibrating screens to obtain stone aggregate etc complete as per Specification.						

Assistant Executive Engineer
Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Signature

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Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	BF pre-measurements Recorded in this MB Vide page no: 67398 Qty up to 125.1. i.e. 19.78 m ³ @ Rate A 904.67/m ³ R 17,896.18						
	3) Crushing of stone boulder 150 mm size in integrated stone crushing unit of 200 Tonnage per hour capacity comprising of primary and secondary crushing units belt conveyor and vibrating screens to obtain stone aggregate etc complete as per Specification. BF pre-measurements Recorded in this MB Vide page no: 67398 Qty up to 125.1. i.e. 9.42 m ³ @ Rate A 812.54/m ³ R 7656.95						

17894-00
17,896-18

Signature

Assistant Executive Engineer
Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Signature

MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Crushing of stone aggregate boulder 150 mm size in an integrated crushing unit of 200 Tonnage per hour capacity consisting of primary & secondary unit belt conveyor to obtain 20 mm nominal size including cost of all materials.						
	BF measurement recorded in this MP						
	vide page no. 67399						
	Qty upto 125% i.e. 9.42 m ³ @ rate A 910.54/m ³ R. 8575 = 40						
5)	Sand filling in wells complete as per drawing and technical specifications including cost of all materials labour from machinery etc.						
	BF measurement recorded in this MP						
	vide page no. 67399						
	Qty upto 125% i.e. 9.42 m ³ @ rate A 3001.96/m ³ R. 28,278 = 46						

Assistant Executive Engineer
T. Dasarahalli Sub Division
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S. S. S.

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Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Disposal of debris to the final place of disposal with all lead and lift and as directed by the Engineer incharge of the work.						
	BF Total quantity as item no. ①						
	Qty upto 125% i.e. 136.89 m ³ @ rate R. 74.65/m ³ R. 10368 = 21						
	EIRL ITEMS.						
EIRL-1)	providing and laying in position plain cement concrete of ratio 10:10 with OPC cement @ 220 kgs with 40 mm size graded granite material						

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Cover aggregate @ 0.892 cum & fine aggregate @ 0.465 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost of all materials labour, H.O.M of machinery etc complete. BF for measurement Recorded in this MB. Vide page No. 67400 ie 12.38 m ³ @ rate Rs 5669.69/m ³ R. 70191-09 70,162=36						
EIRL-2)	Providing and laying in position plain wear concrete of mix M-20 with OPC cement @ 300 kg with 20 mm & d/s graded granite granite metal coarse aggregate @ 0.64 m ³ and fine aggregate @ 0.43 m ³ with super plasticizer @ 3 lbs.					Assistant Executive Engineer, Dasarahalli Sub Division Bagalagunte, BBMP Phone 560073	

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Name of work From To
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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Conformity to IS 9103-1999 Ready-mixed concrete machine mixed concrete laid in layers not exceeding 15 cms thick well compacted etc complete. BF for measurement Recorded in this MB. Vide page No. 67400 ie 11.09 m ³ @ rate Rs 6226.99/m ³ R. 69057-09 69,044=88						
EIRL-3)	Providing & fixing granite Bench including cost of materials labour as per Specifications data rate.					Assistant Executive Engineer, Dasarahalli Sub Division Bagalagunte, BBMP Phone 560073	



MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Maheshwara Temple pedestal.	22 Nos	@ Rate	R ₁	18200/-	R ₁ 4,00,400 = 0	
EIRL-4)	Providing and Removing centering and shuttering standing propping etc and Removal of form work for vertical Surface such as walls at any thickness including attached plaster etc complete as per Specification.						
	For platform of Granite Stone Base.	22x2	2.50		0.30	33.0	
		22x2	1.50		0.30	19.80	
						52.80	
		@ Rate R ₁	402.25/m ²			R ₁ 21,238 = 74	

Assistant Executive Eng
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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
EIRL-5)	Loading and unloading charges BF qty as item no: ① ie 138.89 m ³ @ 69.80/m ³					R ₁ 9694 = 60	
EIRL-6)	Providing and fixing to wall, ceiling and floor high density polythene pipes 6 kg load breaking power of outside diameter varying from 100 mm and exposed dust-buster pipes with special floor etc complete For Racio water hoses pits	6	28.0			168.00 m	
		@ Rate R ₁	630.70/m			R ₁ 105957 = 60	

Assistant Executive Eng
Dasarahalli Sub Div
Bagalagunte, BBMP
Bangalore-560073



Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
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1	2	3	4	5	6	7	8
2017	Cost of RCC pipes Kallastore Narahara Govt School pipe line Road park Near Rasathu Road	2	2.50	-	5' w.		
		4	2.50	-	10' w. 15' w.		
							Assistant Executive Eng T. Dasarahalli Sub Divi Bagalagunte, BB Bangalore-560073
							R 1,34,005 = 20 9,03,787 = 10 9,03,748 = 34 1,08,449 = 80 108,454 = 10 10,12,198 = 14 10,12,241 = 10
							Assistant Executive Engineer T. Dasarahalli Sub Division Bagalagunte, BBMP Bangalore-560073
							1. Certify that the work is satisfactory

No. D

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Date of commencement of work _____

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2. Certify that there is no depreciation to Contractor. 3. Certify that the Contractor cleared all debris @ work spot.  Assistant Executive Engineer T. Dasarahalli Sub Division Bagalagunte, BBMP Bangalore-560073						22/02/22

Date	Full description, etc., of work	Dimensions			Contents	Reference Notes
1		Number of poles	Length 4	Breadth 5	Depth 6	Measurement 8
	Nelamakeshwaraswami Temple Open Grm Gazebon Main Road Hesaragutta Main Road Pipe Line Road Gort school Rao's Road granite stone border Rasa water harvesting pit S. S. S. S.					

Assistant Executive Engineer
T. Dasarathan, Sub Division
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560073

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Date of commencement of work.....			Dimensions.....			Reference to last Measurement.....	
Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	to last Measurement
1	2	3	4	5	6	7	8
	Audited and admitted for Rs <u>1012241/-</u> Passed by Cheque for Rs <u>945404/-</u> <i>(Nine Lakh Forty Five Thousand Four hundred and Four Rupees only)</i> by adjustment Rs <u>66837/-</u> <i>[Signature]</i> Accountants Superintendent Exe. Engineer <i>B.</i> B.E.M.P. Dasarahalli Division					<i>IS and Final</i> → 1012241-00 IT → 10122-00 LWC → 10122-00 CBF → 1012-00 RTy → 9445-00 Fine → 18020-00 C&ST → 9038-00 S&ST → 9038-00 Deals → 66837-00 Net → 945404-00	